



FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GENENT.48CP1C1	APPLICATION NO. 10/033,350
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Klein et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE November 2, 2001	GROUP Unknown- 1647

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
REH	1.	5,550,050	8/86	Holland et al.	435	240.2	4/15/84

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
REH	2.	WO 85/02610	20.06.85	PGT WIP0			
	3.	WO 83/06116	4/83	PGT WIP0			
	4.	WO 94/24160 A	10.27.94	PGT WIP0			
	5.	WO 95/05465A	12.2.95	PGT WIP0			
	6.	WO 85/13376 A	18.05.95	PGT WIP0			
	7.	WO 87/33942	18.06.87	PGT			
	8.	WO 00/24893 A	04.05.00	PGT WIP0			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
REH	9. 11 th Biennial Meeting of the International Society for Developmental Neuroscience, Tampere, Finland (July 30, 1996-August 3, 1996) Abstract 110, p77.
	10. Andres et al., "Expression of two novel eph-related receptor protein tyrosine kinases in mammary gland development and carcinogenesis" <u>Oncogene</u> 9(5):1461-1467 (1994)
	11. Barinaga, Marcia "Neurotrophic Factors Enter the Clinic" <u>Science</u> 264: 772-774 (May 6, 1994)
	12. Bennett et al., "Cloning and Characterization of HTK, a Novel Transmembrane Tyrosine Kinase of the EPH Subfamily" <u>J. Biol. Chem</u> 269(19):14211-8 (1994)
	13. Berkmeier et al., "Neurotrophin-5: A Novel Neurotrophic Factor That Activates trk and trkB" <u>Neuron</u> 7:8570866 (1991)
	14. Buj-Bello et al., "GDNF Is an Age-Specific Survival Factor for Sensory and Autonomic Neurons" <u>Neuron</u> 15:821-828 (1995)
	15. Hefti, Franz, "Nerve Growth Factor Promotes Survival of Septal Cholinergic Neurons After Fimbrial Transections" <u>J. Neurosci</u> 6:2155-2162 (1986)
	16. Henderson et al., "GDNF: A Potent Survival Factor for Motoneurons Present in Pheripheral Nerve and Muscle" <u>Science</u> 266:1062-1064 (1994)
	17. Heumann, Rolf, "Regulation of the Synthesis of Nerve Growth Factor" <u>J. Exp. Biol</u> 132:1330150 (1978)

EXAMINER [Signature]	DATE CONSIDERED 2/16/05
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GENENT.48CP1C1	APPLICATION NO. 10/033,350
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		<div style="text-align: center;">  </div>	
(USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Klein et al.	<div style="text-align: center;">  </div>
		FILING DATE November 2, 2001	GROUP Unknown

APR 05 2002

TECH CENTER 1600/2900

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
RCY	18. Jackowski, Andre "Neural injury repair: hope for the future as barriers to effective CNS regeneration become clearer" <u>British J. of Neurosurgery</u> 9:303-317 (1995)
	19. Jing, Shuqian et al., "GDNF-induced activation of the Ret protein tyrosine kinase is mediated by GDNFR-alpha, a novel receptor for GDNF" <u>Cell</u> 85:113-1124 (June 28, 1996)
	20. Kaisho et al., "Cloning and expression of a cDNA encoding a novel human neurotrophic factor" <u>FEBS Lett.</u> 266:187 (1990)
	21. Kotzbauer et al., "Neurturin, a relative glial-cell-line-derived-neurotrophic factor" <u>Nature</u> 384:467-470 (1996)
	22. Lai et al., "An Extended Family of Protein-Tyrosine Kinase Genes Differentially Expressed in the Vertebrate Nervous System" <u>Neuron</u> 6: 691-704 (1991)
	23. Leibrock et al., "Molecular cloning and expression of brain-derived neurotrophic factor" <u>Nature</u> 341:149-152 (1989)
	24. Lin et al., "GDNF: A Glial Cell Line-Derived Neurotrophic Factor for Midbrain Dopaminergic Neurons" <u>Science</u> 260:1130-1132 (1993)
	25. Maisonnier et al., "Ehk-1 and Ehk-2: two novel members of the Eph receptor-like tyrosine kinase family with distinctive structures and neuronal expression" <u>Oncogene</u> 8:3277-3268 (1993)
	26. Maisonnier et al., "Neurotrophin-3: A Neurotrophic Factor Related to NGF and BDNF" <u>Science</u> 247:1446 (1990)
	27. Orth, S.R. et al., "Glial cell line-derived Neurotrophic Factor (GDNF) in the kidney" <u>Journal of the American Society of Nephrology</u> 6(3):774 (September 1995)
	28. Pasquale et al., "Identification of a developmentally regulated protein-tyrosine kinase by using anti-phosphotyrosine antibodies to screen a cDNA expression library" <u>Proc. Natl. Acad. Sci. USA</u> 86:5449-5453 (1989)
	29. Pasquale, Elena B., "Identification of chicken embryo kinase 5, a developmentally regulated receptor-type tyrosine kinase Of the Eph family" <u>Cell Regulation</u> 2:523-534 (1991)
	30. Pichel J.G. et al. "Defects in enteric innervation and kidney development in mice lacking GDNF" <u>Nature</u> 382:73-76 (July 4, 1996)
	31. Pichel, J.G. et al. "GDNF is required for kidney development and enteric innervation:" <u>Cold Spring Harbor Symposia on Quantitative Biology</u> 1996 61:445-457 (May 1997)
	32. Rosenthal et al., "Primary Structure and Biological Activity of a Novel Human Neurotrophic Factor" <u>Neuron</u> 4:767 (1990)
	33. Rudinger, J. "Characteristics of the amino acid as components of a peptide hormone sequence", <u>Peptide Hormones</u> J.A. Parsons, University Park Press, Baltimore pp.1-17 (June 1976)
	34. Saarma, M. et al., "Roles of GDNF in the development of nervous system and kidney" <u>International Journal of Development Neuroscience</u> 14(sup.11):77 (1996)
	35. Saijadi et al., "Identification of a New eph-Related Receptor Tyrosine Kinase Gene From Mouse and Chicken That Is Developmentally Regulated and Encodes at Least Two Forms of the Receptor" <u>New Biol.</u> 3(8):760-78 (1991)
	36. Schuchardt, A. et al. "Defects in the kidney and enteric nervous system of mice lacking the Tyrosine kinase Receptor Ret" <u>Nature</u> 367:380-383 (January 27, 1994)
✓	37. Thoenen et al., "Physiology of Nerve Growth Factor" <u>Annu Rev. Physiol.</u> 60:284-335 (1980)

EXAMINER <i>R. Hayes</i>	DATE CONSIDERED 2/16/05
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GENENT.48CP1C1	APPLICATION NO. 10/033,350	SHEET 3 OF 3
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Klein et al.	RECEIVED APR 05 2002 TECH CENTER 1600/2900	
		FILING DATE November 2, 2001	GROUP Unknown 1647	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
PK	38. Trupp, M. et al. "Functional receptor for GDNF encoded by the c-ret proto-oncogene" <u>Nature</u> 382:785-789 (June 1996)
	39. Trupp, M. et al. "Peripheral expression and biological activities of GDNF, a new neurotrophic factor for avian and mammalian peripheral neurons" <u>The Journal of Cell Biology</u> 130(1):137-148 (July 1, 1995)
	40. Wen D. et al. "Erythropoietin structure-function relationships: high degree of sequence homology among mammals" <u>Blood</u> 82(5):1507-16 (September 1993)
↓	41. Yan et al. "In vivo neurotrophic effects of GDNF on neonatal and adult facial motor neurons" <u>Nature</u> 373:241-244 (January 26, 1995)

EXAMINER <i>P. Mayo</i>	DATE CONSIDERED 2/16/05
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	